



Project Cost

\$1,104,516

Annual Project Savings

\$104,575



Facility Improvements

- Replaced cooling tower
- Added new chiller correctly sized to facility
- New chilled water pumps
- New piping in central plant
- Replace existing domestic hot water tank
- Installed new air-conditioning unit for server room
- Control system additions and modifications
- Lighting retrofit in doctor offices



Contact Information

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Chief Executive Officer

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Facility Manager

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Sumner Regional Medical Center Wellington, KS

Comprehensive Facility Improvement Project

Sumner Regional Medical Center, a 65 bed hospital located in southern Kansas, faced growing concerns that their cooling tower would not make it through another summer. The tower was original to the facility built in the 1960's and had long surpassed its useful life. Additionally, the hospital was originally designed for two chillers, but was only running on one undersized unit with no back-up. This was cause for major comfort issues during the warmest summer months and unease because of no redundancy for the cooling system. Major increases in maintenance costs and extremely high utility consumption for a facility of its size were also major concerns for hospital administration.

These issues were made worse by a budget that was stretched to its limits and no capital reserves to pay for a project upfront. The hospital board had looked at a number of different traditional construction proposals, with no success. Through a performance contract, Schneider Electric designed the new chilled water system, managed the implementation of all of the upgrades and provided a financing vehicle that allowed the hospital to proactively address their issues immediately, using energy and maintenance savings to help offset the cost of financing the improvements over several years. Because the hospital is owned by the City of Wellington, SRMC was able to utilized low-interest financing through a Public Building Commission formed by the city. This allowed the hospital to complete a major mechanical replacement project that may not have otherwise been possible in a proactive manner, and provided peace of mind from the worry of their cooling system failing.